



SITE PLANNING



INTRODUCTION

- Definition & Overview
- Site Planning Considerations
- Process
 - Site specific
 - ADP
- Site approvals



SITE PLANNING

“...the organization of the physical environment to accommodate human behavior. It deals with the qualities and locations of structures, land, activities, and living things.”

Kevin Lynch



REASONS FOR SITE PLANNING

- Provide for Army mission requirements
- Implement standards
- Practice Sustainable Development
- Promotes orderly installation development



BENEFITS

- Biological
- Social
- Psychological
- Financial
- Sustainable Development

Legacy

Insert graphics



GENERIC STEPS

- Define the requirement w/ user
- Review land use
- Review IDG/IDS guidance
- Develop alternatives to meet requirement
- Analyze site alternatives w/ user (visit sites)
- Select preferred alternative
- Future expansion capabilities



SITE PLANNING QUESTIONS

- Who will use?
- Whom to call?
- What is use?
- How it will be used?
- What must it be near?
- What should it be isolated from?
- Why is facility needed?
- When constructed, phased?
- Standard Design?
- Demolition, site clearing? How much
- Environmental impacts?
- Relocation, roads closed, etc.?
- Health and safety?_
- Special zones around facility?
- Site Certification?
- Area for contractor?
- Haul routes, disposal areas?
- Special reviews?

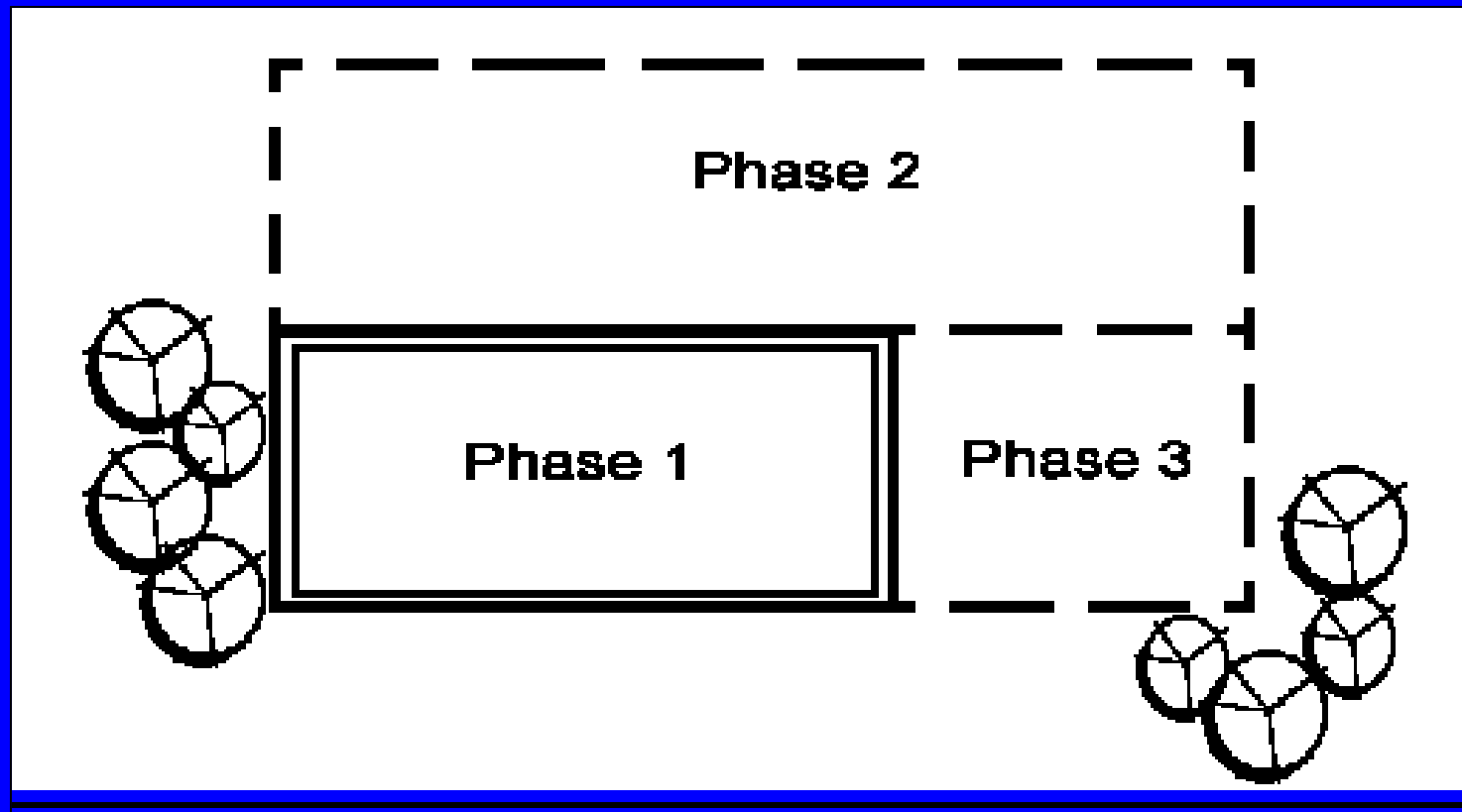


SITE PLANNING CONSIDERATIONS

- Environmental Overlay Map/Plan
- Land Use Plan
- Utility Maps
- Installation Design Guide
- Transportation Maps
- Force Protection
- Adjacent Site Plan
- Archeological & historical data
- Occupants' and Command Group preferences
- Sustainable development
- Future expansion capabilities



ROOM FOR EXPANSION





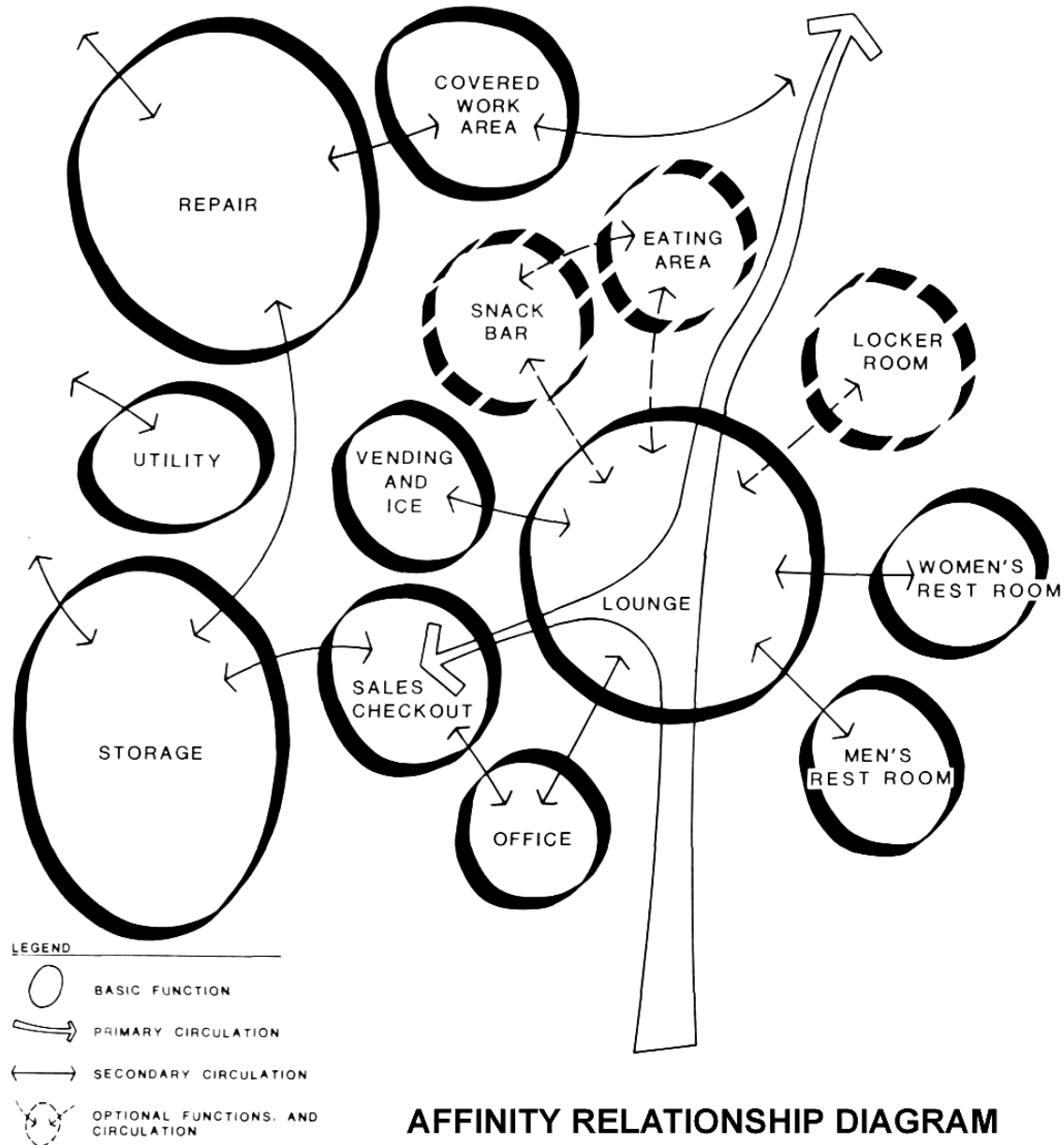
SITE SPECIFIC PLANNING PROCESS

- Gather all requirements, e.g., parking, site features, utilities, etc.
- Develop functional relationship diagrams
- Develop a schematic sketch for each requirement for the site(s)
- Develop a site specific scaled schematic
- Compare site alternatives & select



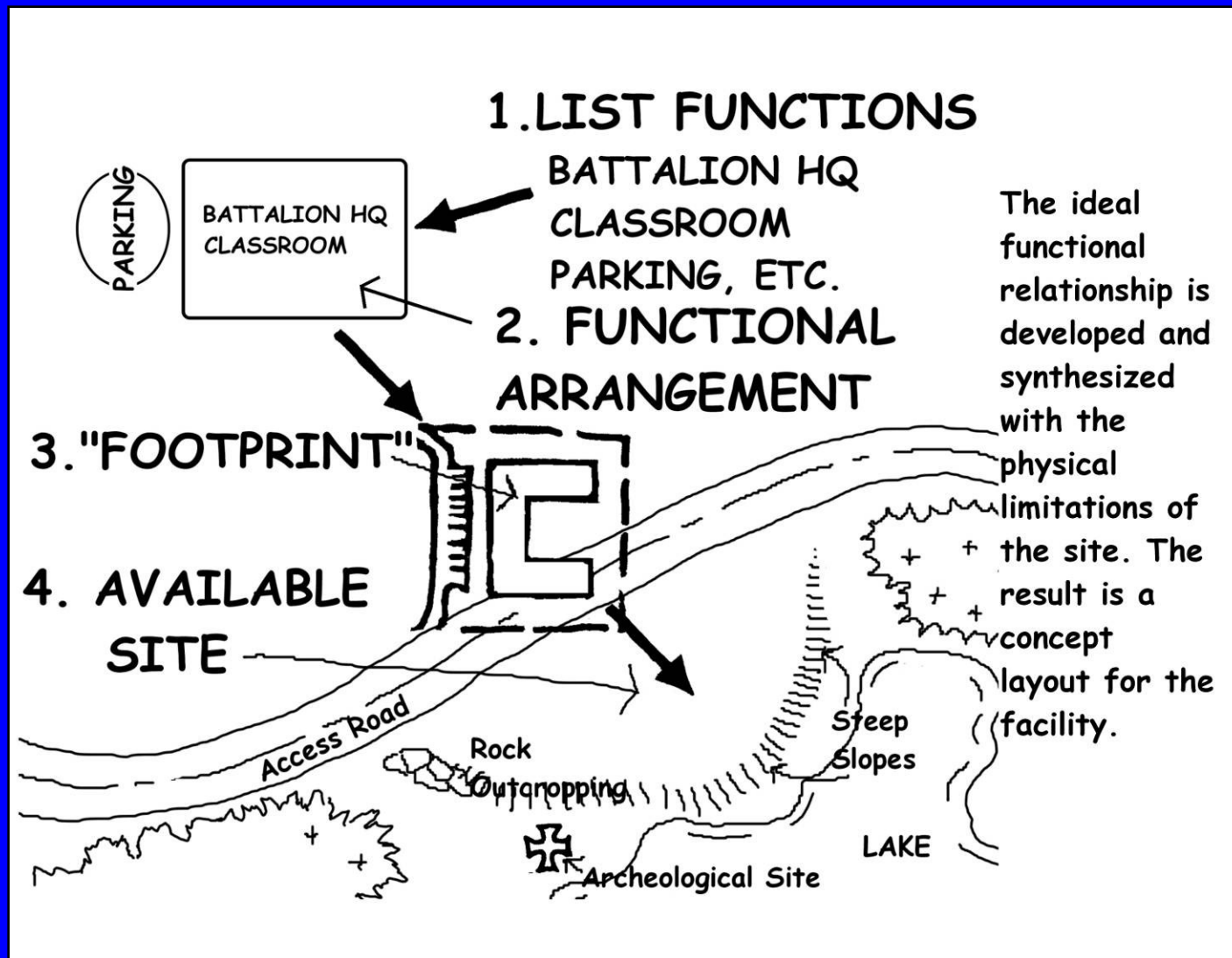
"BUBBLE" DIAGRAM

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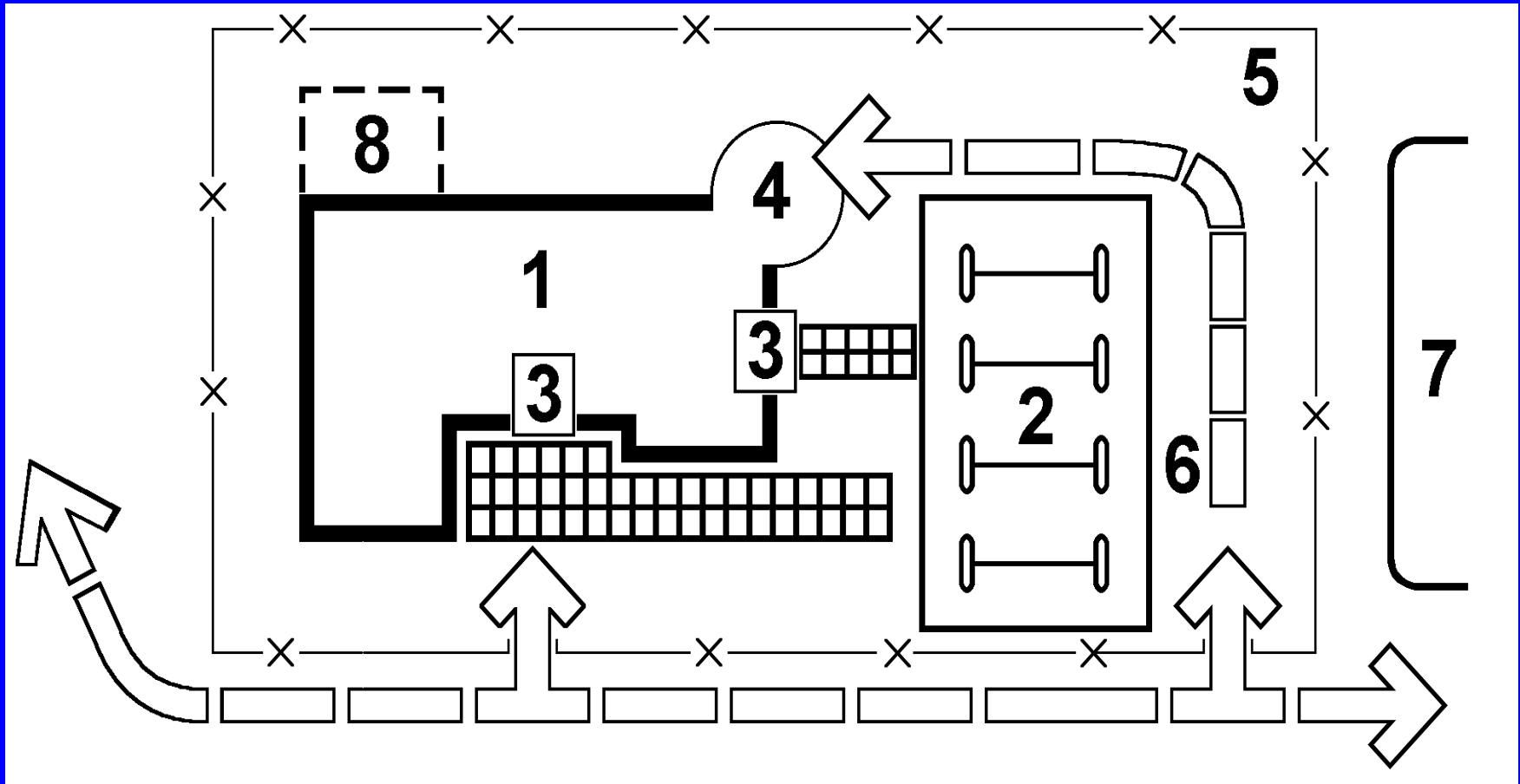


FUNCTIONAL & SITE ANALYSIS





REFINED "BUBBLE" DIAGRAM





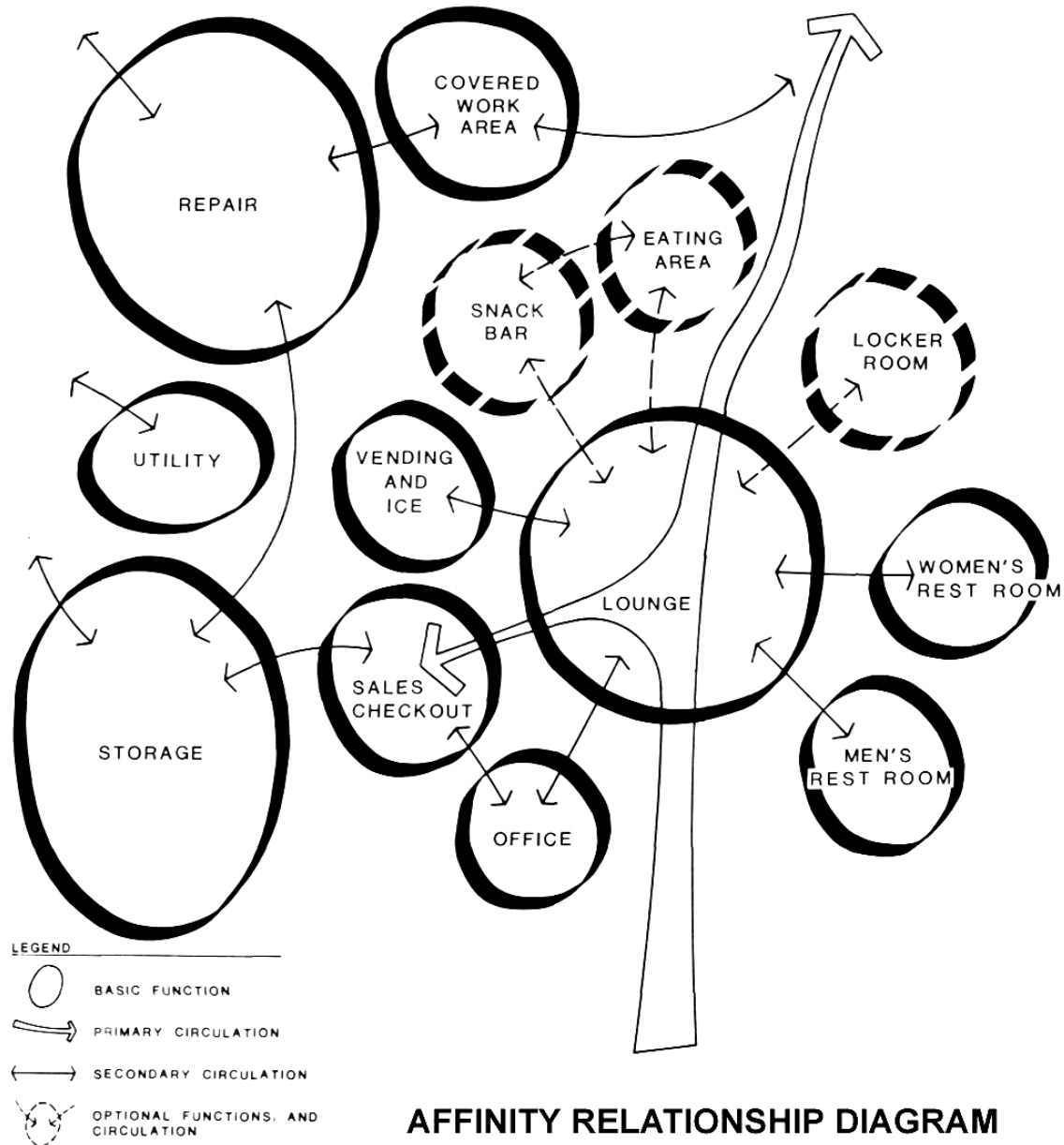
AREA DEVELOPMENT PLAN (ADP)

- Supports the RPMP in addressing & resolving the localized comprehensive planning issues
- Shows proposed detailed development of complexes, utilities services for a section of the installation or a single important building
- Maybe short range, but could show 10-15 years of physical changes
- ADP describes existing site conditions, facilities servicing the site, functions of the surrounding facilities and future development, land uses and transportation routes



"BUBBLE" DIAGRAM

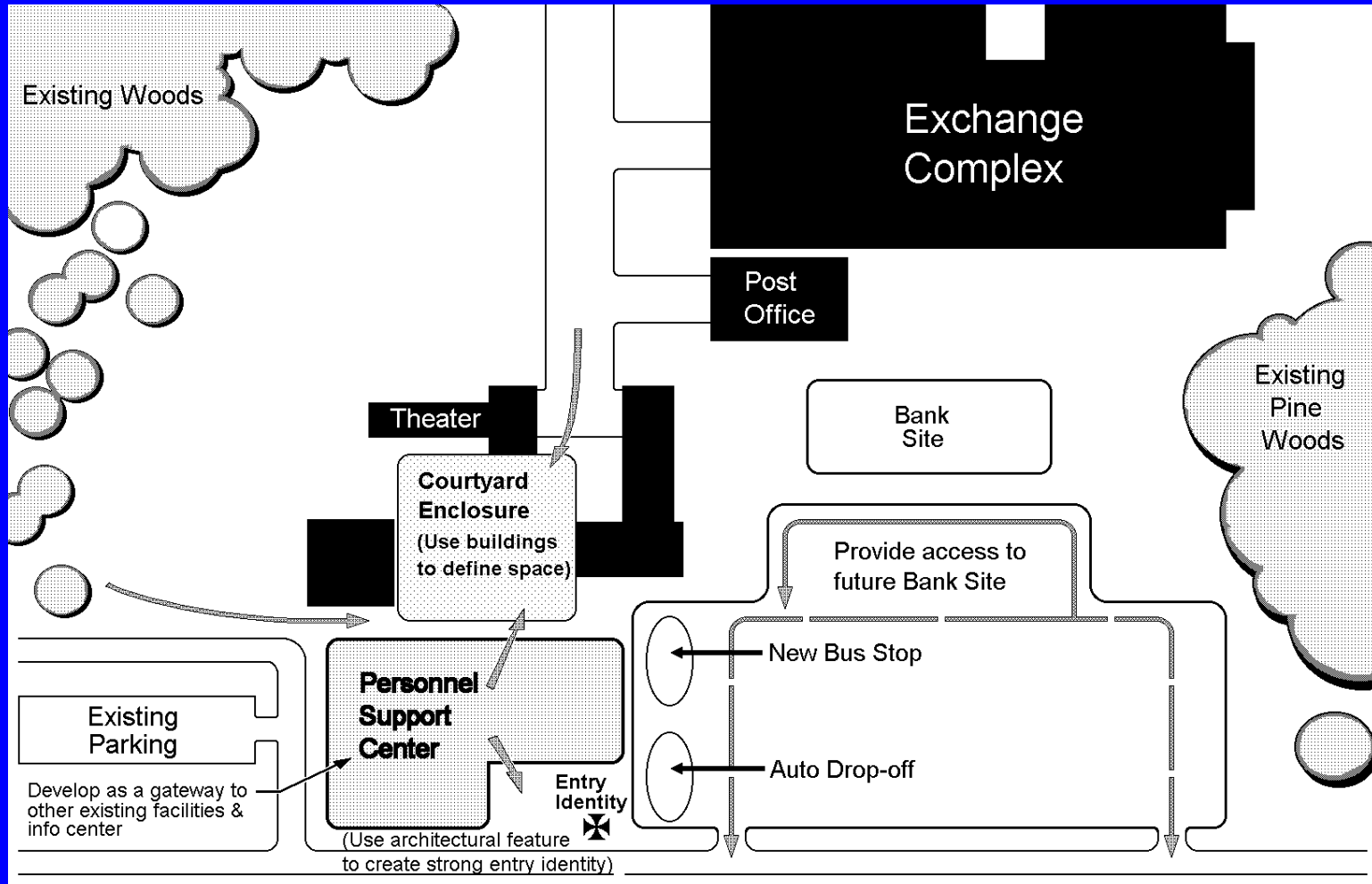
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AFFINITY RELATIONSHIP DIAGRAM



AREA DEVELOPMENT PLAN EXAMPLE





SITE APPROVALS

Required for:

- New, permanent, semi-permanent, temporary, or relocatable facilities
- Additions to existing facilities
- Replacement of a facility at same location with new facility of a different use
- Siting that requires changes in RPPB/IMA approved land use



TECHNICAL APPROVAL

- Ammo and Explosives
- Ranges, Training Land
- Radiation
- Aviation
- Electromagnetic Radiation
- And Many Others...



SUMMARY

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CONCLUSION

It is said that site planning is discovery & not invention. Every site is unique & no other site offers the same opportunities & challenges. “Ordinary” textbook approaches should not be thoughtlessly accepted or applied to a site.

Military site planning solutions must explore the possibilities of a more complex military community planning approach as well as addressing the realities of the site & activities & expectations of the users.